



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	
O'Rear et al.	)	Group Art Unit: 1621
Application No.: 10/720,675	)	Examiner:
Filed: November 25, 2003	)	Confirmation No.: 6247
For: Control of CO <sub>2</sub> Emissions from a Fischer-	)	
Tropsch Facility by Use of Multiple	)	
Reactors	)	

**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [ ] The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ [ ] A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [ ] A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ [ ] Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ [ ] A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

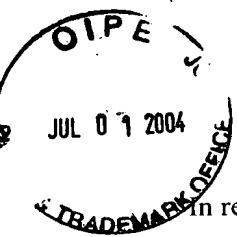
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: June 29, 2004

By: Melissa M. Hayworth  
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O'Rear et al. ) Group Art Unit: 1621  
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Application No.: 10/720,675 ) Examiner: Unassigned  
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Filed: November 25, 2003 ) Confirmation No.: 6247  
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For: Control of CO<sub>2</sub> Emission from a Fischer- )  
Tropsch Facility by Use of Multiple Reactors )

**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following co-pending applications in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the co-pending applications cited is enclosed.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since being filed within the time period set forth in 37 C.F.R. § 1.97(b) no fee or statement is required.

To assist the Examiner, the listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Phone: (703) 836-6620

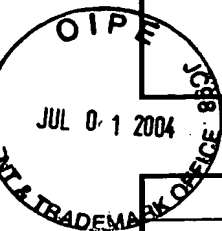
By: Melissa M. Hayworth  
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Registration No. 45,774

Date: June 29, 2004

Substitute for form 1449A/PTO

ATTORNEY'S DKT NO.  
005950-740APPLICATION NO.  
10/720,675

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT  
O'Rear et al.FILING DATE  
11/25/2003GROUP  
1621

## U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	6,703,429		O'Rear	03-09-2004
	6,693,138		O'Rear	02-17-2004
	6,169,120		Beer	02-01-2001
	6,147,126		DeGeorge et al.	11-14-2000
	5,689,031		Berlowitz et al.	11-18-1997
	5,545,674		Behrmann et al.	08-13-1996
	5,423,894		Child et al.	06-13-1995
	4,663,305		Mauldin et al.	05-05-1987
	4,624,968		Kim et al.	11-25-1986
	4,621,072		Arntz et al.	11-04-1986
	4,568,663		Mauldin	02-04-1986
	4,542,122		Payne et al.	09-17-1985
	4,279,830		Haag et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	2089533		RU	04-07-1994	X	
	00/63141	A1	WO	10-26-2000	X	
	0679620	A2	EP	11-02-1995	X	
	0921184	A1	EP	06-09-1999	X	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	"Can Carbon Dioxide be Reduced to High Molecular Weight in Fischer-Tropsch Products?, In re Puskas, ACS 213 National Meeting, San Francisco, ACS Division of Fuel Chemistry Preprints 42(2):680-686 (1997).
	Riedel, T., et al., "Kinetics of CO2 Hydrogenation on a K-Promoted Fe Catalyst" <i>Industrial and Engineering Chemistry Research</i> 40(5):1355-1363.
	"Iron Catalyzed CO2 Hydrogenation to Liquid Hydrocarbons", 4 <sup>th</sup> International Carbon Dioxide Utilization Conference, Kyoto, Japan <i>Studies in Surface Science and Catalysis</i> 114:339-344 (1998).
Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.